

Table 1.—Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY08 Fall	BY09 Late-fall	BY09 Winter	BY08 Spring	BY09 Steelhead
8/13/09	11,900	15.0	2.8	3,988 (81 – 119)	1,458 (60 – 80)	10,236 (31 – 44)	0 (-)	3,403 (29 – 100)
8/14/09	12,000	14.9	2.7	1,310 (82 – 107)	1,384 (64 – 79)	6,128 (30 – 37)	0 (-)	1,819 (34 – 74)
8/15/09	12,000	14.9	3.0	2,241 (82 – 111)	1,774 (70 – 81)	10,894 (31 – 45)	0 (-)	3,801 (31 – 88)
8/16/09	11,500	14.9	2.5	1,789 (83 – 106)	1,719 (47 – 82)	14,136 (30 – 44)	0 (-)	4,580 (38 – 79)
8/17/09	11,500	14.9	3.0	2,094 (85 – 117)	1,497 (52 – 82)	21,586 (31 – 41)	0 (-)	4,711 (34 – 90)
8/18/09	11,300	14.7	2.3	1,524 (84 – 105)	611 (48 – 83)	19,145 (30 – 44)	0 (-)	5,730 (34 – 92)
8/19/09	11,400	14.6	2.3	1,228 (84 – 105)	653 (56 – 82)	16,310 (31 – 46)	0 (-)	2,350 (33 – 74)
8/20/09	11,300	14.4	2.8	1,590 (86 – 112)	1,575 (47 – 84)	33,670 (31 – 46)	0 (-)	2,943 (22 – 109)
8/21/09	11,100	13.9	2.9	1,450 (89 – 110)	842 (50 – 84)	27,238 (31 – 44)	0 (-)	2,238 (38 – 105)
8/22/09	11,100	14.4	2.5	1,073 (86 – 112)	365 (49 – 85)	33,817 (31 – 44)	0 (-)	2,986 (27 – 91)
8/23/09	10,700	14.7	—	—	—	—	—	—
8/24/09	11,100	14.8	3.0	1,105 (88 – 112)	1,031 (48 – 85)	53,751 (31 – 45)	0 (-)	1,975 (36 – 79)
8/25/09	10,500	14.9	2.5	897 (88 – 104)	136 (81)	70,379 (29 – 48)	0 (-)	1,124 (41 – 75)
8/26/09	10,600	15.1	2.3	767 (91 – 112)	821 (62 – 87)	77,150 (32 – 47)	0 (-)	1,614 (35 – 83)
Biweekly total²				22,203	14,661	443,774	0	41,421
<i>Biweekly Lower 90% Confidence Interval</i>				13,482	8,450	286,970	0	25,630
<i>Biweekly Upper 90% Confidence Interval</i>				30,924	20,872	600,578	0	57,211
Brood-year total				9,187,145	96,882	486,473	165,003	106,045
<i>Brood-year Lower 90% Confidence Interval</i>				4,424,360	49,643	309,808	66,975	56,043
<i>Brood-year Upper 90% Confidence Interval</i>				13,949,929	144,121	663,138	263,031	156,046

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.